



MOTOROLA

Date: January 19, 2010

Subject: Request for additional information regarding FCC ID: IHDT56LC1

Reference:

Correspondence Reference Number: IHD91457
Confirmation Number: 912021457
Date of Original Email: Dec. 17, 2009

Prepared by:

Andrew Bachler, Principal Staff Engineer
Motorola Mobile Device Business
Libertyville, Illinois 60048

Questions and responses follow:

1. Please provide RF conducted bandedge plots for the cellular band starting at points removed from both bandedges by 1 MHz with RBW = 100 kHz.

Response: [Please refer to the cellular Bandedge measurements submitted online.](#)

2. The BT RE plots on pp. 9-13 show multiple emissions exceeding the limit line (at more than one frequency). Please provide tabular (peak and average) field strength data for these emissions.

Response: [Please refer to EX6A2-addendum submitted online.](#)

3. The bandedge plots on pp.17-18 of the BT RE report appear to show peak emissions exceeding the average limit in the 2310-2390 MHz restricted band. Please provide average field strength data demonstrating compliance of these emissions.

Response: [Please refer to the average detector results in EX6A2-addendum submitted online.](#)

4. Based on the measured tissue parameters listed on p.5 of the SAR report, the cellular band body tissue fluid parameters do not meet the tighter limits, however, p.11 contains corrected SAR values for cellular brain tissue permittivity compensation. Please provide the corrected levels for the cellular body SAR measurements.

Response: [Please refer to the updated SAR report submitted online.](#)

5. The power data tables on p.7 of the SAR report show the need to test cellular body SAR (mid channel) in EvDO Rev.0 RTAP mode. Please provide this data.

Response: [Please refer to the updated SAR report submitted online.](#)

6. The FCC ID in the HAC RF emissions and T-coil exhibits are incorrect. Please amend.

Response: [Please refer to the revised EX6B-1 and EX6B-2 submitted online.](#)